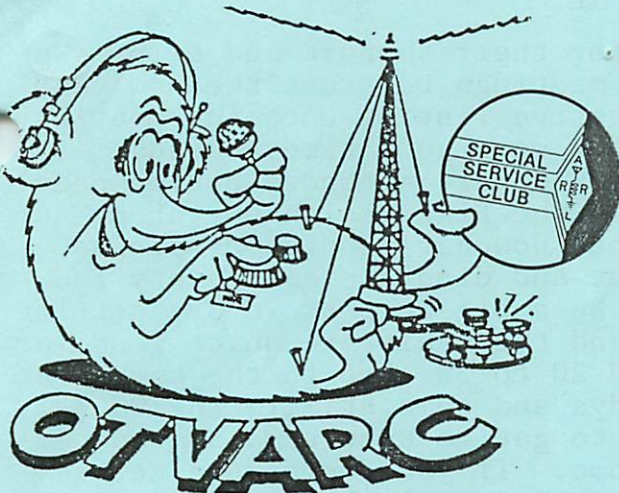




OREGON TUALATIN VALLEY



March 1985

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

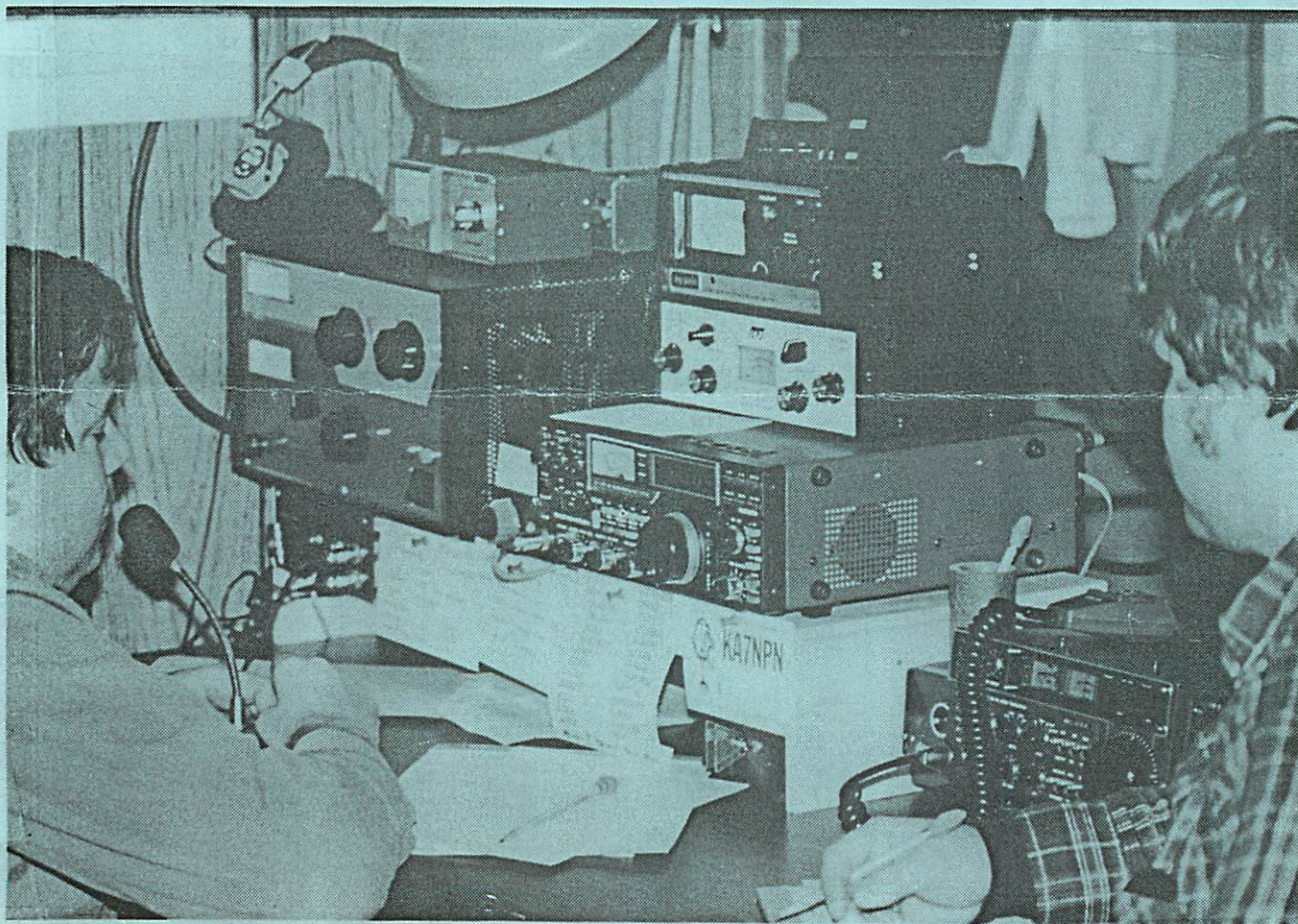
Membership: 230

CIRCULATION: 275

President:	Geno Buell	KA7KBH	Trustee:	Linda Cereghino	N7CZY
Vice-Pres:	Hanford Van Ness	KE7BB	Trustee:	Terry Biggs	WB7CHK
Secretary:	Jeff Freedman	K7JF	Trustee:	Al Berg	WB7SIC
Treasurer:	Randy Stimson	KZ7T	Trustee:	Greg Milnes	W7AGQ
			Trustee:	Dave Parker	W7LJN

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.



Rich, KA50LH and Ron, KA7SIK, toiling away during OTVARCs recent Valentines Day QSO party. Another fun activity for hams who are doers.....



HI THERE!!

I wish to thank everyone for their support and help. (We) We have had two very good meetings to start the new year off right. With the impressive list of upcoming meeting programs we should be in for some good times ahead. The dinners have been good and well attended but we need 10 to 15 or so more to make the Elks real happy about our being there. If you are not now having dinner, please make an attempt to come out and dine at least every 2nd or 3rd meeting. It would be a big help as we are getting the use of the room FREE and the meals are quite good for the price. We have around 20 to 30 stop in the bar after the meeting for a few toddys and some stimulating QSO's.

This is an excellent time to get to know some of the members you haven't met before and all are welcome. If you don't care to use alcohol, don't feel left out as there are always several who stick to some other form of sipping and they have a good time too. Smoking at meetings has been an off again on again problem for some members. The ugly head has arisen again! In the distant past, we had tables set up for the non-addicted. When we met at the PGE building it was a NO NO for the puffers so we had no problems. As the suggestion box has been used to express a discontent, your board has decided to go back to setting aside a number of tables for the non-smokers. Along with this, we ask that those who do smoke, might consider cutting it down a little bit. No ban! Just a small cutback. If you wish to make a comment on this subject see me or put a note in the suggestion box. I sure hope to see you all at the March meeting, "smoke or no smoke".

Best 73/88 Gene

OTVARC BOARD OF DIRECTORS MEETING MINUTES

FEBRUARY 27, 1985

Present in attendance: KA7KBH, KB7BD, K7JF, W7ACQ, W7LJN, WB7SIC, N7CZY, WB7CHK, N7BIJ

Cino, KA7KBH read a letter from Bert, W7JWC regarding his acquisition of Tech/General class theory video presentations from Ham Tapes in New York. He proposes we purchase the tapes on a 1/3 ownership basis, to be shared with Portland Radio Supply and Antennics. There was some discussion, however no motions or disposition of the issue at this time.

Cino also discussed a suggestion that we set up a NO SMOKING section or other alternative at club meetings. There was some discussion, and although no motions it was decided that several tables would be designated as NO SMOKING with appropriate signs.

Linda, N7CZY mentioned that she had components for our club booth, which is taken to various hamfests and other public activities. There was a consensus that an inventory of all club property needs to be taken, as most of the equipment and facilities are spread throughout a limited number of the membership. Related, the club typewriter is now available, as the club secretary has typing available through other sources.

Jeff, K7JF raised the issue of ARRL Special Club badges, which can only be ordered from ARRL. A number of members have shown interest in the badges, prompting the request for our keeping a small (less than 25) inventory. There was consensus that we should offer the badges for sale on a pre-paid basis, as with the club call badges. Jeff will check into quantity discounts. A sign-up sheet will be provided at the next meeting.

Jeff also raised the need for a new club survey, to facilitate in realigning committees and bringing our data base up to date. Included will be ARRL status, committee preference, employment information and other. The survey will be taken in the April newsletter, in the form of a pre-stamped post card which is completed and returned to the Club. The discussion about the form of the survey, and whether the requested information could be fit onto a post card, rather than a full-sized sheet of paper. The design will be reviewed at the March club meeting.

Finally, Jeff discussed our motivation to accept the ARRL Club Challenge - new member campaign. Under the new plan, when a new member is submitted by our club to the ARRL, we will receive a \$5.00 rebate from the League. Presently we receive a \$3.00 rebate. There was a motion to promote an intra-club contest, thereby allowing our members to "sponsor" an new ARRL member and receive a reward in the process. For each new member signed up on the ARRL form, the member will receive a \$1.00 credit towards next year's (and any other) club membership. If a member should sign up eight League registrations, they will have a year's membership FREE. The contest will begin with the March meeting and last until December 30, 1985. Motion was discussed and passed.

Terry, WB7CHK has received a number of requests for the Board to publish its meeting minutes in the Newsletter. Jeff indicated this meeting's minutes could be done (post haste) and will appear in time for the March meeting.

Terry brought up the need to assist Stan, W7NI in relocating the Club Library. The space in his shop is very limited and could be used to much better advantage. Cino indicated he would ask a number of club members for assistance with storage of the materials, mostly made up of older magazines, reference books and archives.

Terry discussed the Technical Committee's efforts to coordinate Field Day with the Contest Committee, in an attempt to prevent the operator shortage problem experienced last year. So far, there has been very little feedback from individual members with respect to this year's activity. Along the same lines, an inventory of Field Day equipment will be taken shortly. Field Day is not that far away; all help is needed.

Terry brought up the issue of the Emergency Trailer, and the need to retile and insure the facility as soon as possible. Jeff will look into insurance premiums after receipt of information regarding weight, design etc. Cino will investigate the titling issue along the same lines as the Corporation records. Guidelines must be established for the use of the trailer. It was moved and seconded that the President and Vice President have the only authority to allow usage of the trailer, and requests for use must be directed to their attention. The motion passed. There was a motion that the Technical Committee be charged with approving those vehicles and drivers used in the towing of the Emergency Services trailer. After discussion, the motion passed.

Al, WB7SIC discussed plans for the 1988 ARRL National Convention to be held in Portland. Committee structure is being set-up, however, there is a need for initial start-up finances. A number of the area's clubs have already "invested" in the Convention. It was moved and seconded that OTVARC "invest" up to \$300.00, after approval from the general membership. The motion passed.

The Tuesday evening OTVARC Net on 147.34 MHz is in desperate need of participation from all club members. A great deal of Club information, not found at meetings or in the newsletter is discussed at that time. If more members do not use the service, the net may have to be dropped.

Al discussed the need to reinvigorate the club's committees. It appears that the same people continuously do the same work and that the committees are beginning to stall out. The membership survey may help identify new members to some degree, however, volunteers are very much needed.

There was discussion on the Treasurer's role in keeping track of membership, both renewals and new members. The flow of applications and dues are such that it would be much easier and accurate if the Treasurer coordinate some of that activity with the Secretary. Cino will discuss the matter with Randy, K2ZT.

Dave, W7LJN reviewed club jackets and our policy regarding payment prior to ordering. It was agreed that payment in advance would be the best policy, thereby allowing for more accurate records and committing the member to the purchase once it has been undertaken. Jackets will continue to be purchased through Oregon Athletic Supply. There was a motion to reimburse Dave for the difference paid on a recent order due to a slight increase in jacket costs. The reimbursement was on the order of \$5.00.

A FEW MORE WORDS ON THE 'CLOSED-OPEN DEBATE'

David J. Mann NB7X
684 West 2nd Street #1
San Pedro California 90731

My feelings get a bit bent out of shape when I hear word of closed repeaters. In the past, I have had experience in trying to report road emergencies, or if nothing else, seek directions when in an area I have not been in before, only to find that either the repeater I can hit is not up, or no one will talk to me. So, closed repeaters ARE a "bummer".

However! Each time I have heard reference to closed repeaters and their attendant evils, people dredge up the situation here in South California. The trouble in LA did not come from closed repeaters, but the closed repeaters were the result of trashy operators, jammers, access-code extorters and the rest of that ilk.

How many of you have actually been down here to hear what goes on on 2 meters? When I came back to this town, I was shocked beyond belief. Those of you who know me, know that I tend to be a bit crazy-humoured on the air, but I also know when humour stops and bad begins. Down here, such distinctions are not drawn. Any of you who are opposed to closed repeaters are welcome to come down here and listen to 146.01/.61 any old time! So far, Portland has done well in keeping this sort of thing at bay for the most part, but if things get bad as they are down here, many of you will be BEGGING for closed machines. I ended up putting a sub-audible-tone board in my radio to work a few decent(closed) machines. I am off the air now(a result of the crime level here, but that's another story), but if I get another set, it WILL have ability to work closed machines, and I will pay to support them, as I supported 3 machines in Portland.

One of your members had accused me on many occasions of "bringing 6-land ideas" to Portland. This was interesting, considering the source of the remarks, but as I say, if you have not heard the situation here, don't be so very swift to judge it.

To close, I hope sincerely that Portland does not have to go to a set of closed machines, but unless you all take a good hard look at your operating pacticles, willingness to support the machines you use, etc, you will have them.

(ed note) It would appear that there are several ways to look at the closed-open scheme of things. The one that looks the best is to make sure that repeater operation is kept clean. Support the repeater you most often use, operate according to the rules and help keep a watch on any bad element that is abusive. Do all that and we have nothing to worry about! That doesn't take care of the certain few who put up a repeater for selfish reasons but then that is quite a different story. That little problem might get taken care of sooner than we think as that subject is now being addressed by some of the FCC offices..... More later!!!



EXTRA **CLUB NET** EXTRA
Tues. at 8:00pm
147.34/94. Help
make the net a
success and join
in. CU there??

COMING EVENTS

April Fool 'test'
Seaside Convention
Field Day Outing
Club Campout/Picnic

DEPARTMENT OF DEFENSE SUPPORTS PRB-1.

"The Department of Defense shares ARRL's concern over the proliferation of 'anti-ham' zoning ordinances which prohibit effective operation of amateur radio stations by limiting antenna heights or restricting accessory uses of residential real property. Continued success of the existing NSEP [national security, emergency preparedness] telecommunications plans involving amateur stations would be severely diminished if state and local ordinances are allowed to prohibit the construction of and usage of effective amateur transmission facilities." This paragraph opens the Department of Defense (DoD) reply comments in support of PRB-1, the ARRL request for preemptive relief from restrictive antenna ordinances.

The incident in Grenada, the 1983 New Orleans flood, the 1982 hurricane in Hawaii and the Coalinga earthquake are cited as examples of the responsiveness of amateurs in emergency situations. "The Department of Defense respectfully supports the request of ARRL that the Commission issue a declaratory ruling delineating the limitations of local zoning and other local and state regulatory authority over federally-licensed amateur radio facilities."

CONSUMER ALERT: Japanese domestic Yaesu FT-757 GX transceivers are starting to appear in the central USA, according to Bob Mc Kay, NSADA, Of the Dayton Amateur Radio Association. Mc Kay told Westlink that these radios lack several features found in the US export model, including a CW filter and the ability to operate on the WARC bands. It must be stressed that these radios are not being imported into the USA by Yaesu, but seem to be entering the country illegally through private, unknown sources. Mc Kay notes that the manuals differ from those imported to the USA by Yaesu, and that the cartons are clearly marked that the radio cannot be serviced in the United States. However, this latter information may be covered over on the shipping container to keep the prospective purchaser from being aware that he is buying "gray merchandise." Westlink will follow up on this story and will try to locate the source of the seemingly illegal imports. In the meantime, we suggest that you inspect very carefully any radio offered as a "bargain" at a swap meet, hamfest or other gathering.

●**Have I got a deal for you!** Want to buy some spectrum? Understand the FCC is considering selling it - although not ham frequencies. Supposedly the Commission will ask Congress for authority to auction off unassigned spectrum. Idea is to market the scarce resource to the highest bidder as a substitute for comparative hearings and any necessary lotteries to divide equal applicants.

PERSONAL TWO-WAY RADIO TRIVIA

Ever wonder how CB really started and why? The U.S. Office of Strategic Services (predecessor to the CIA) developed small hand-talkies for use in spying and communicating with aircraft during World War II. They were developed by radio engineer Al Gross and code-named "Joan/Eleanor". J/E's guided allied bombers to many European targets in the mid-1940's.

Upon seeing a demonstration, the then FCC Commission Chief Jack Jett thought that the J/E concept would make an excellent two-way public personal communications system in the UHF band. The FCC ended up allocating the 460-470 MHz band to CB, but the cost of the equipment was too high for the mass market.

Eventually the FCC reallocated most of the old 460-MHz CB band to business. Only eight very crowded paired channels remain and make up the General Mobile Radio Service, GMRS. As a compromise, however, the FCC "tossed a bone" to the public by turning the little-used 11-meter ham band into a personal 2-way radio service. It was one of the worst decisions the FCC ever made and ultimately caused them a lot of grief!

What was intended to help small business, ended up becoming a codeless, unsupervised ham band with the gas-short trucker providing the leadership. They should have listened to Jett who felt that UHF was the place for public personal radio. Nearly 40 years later, the FCC is still trying to reverse their folly.



BASIC TRAFFIC HANDLING

One of the nice things about being in a club with lots of activities is that there is at least one type of function which will appeal to you, sooner or later, and one of the

more recent was a traffic handling class which was put on by Ron Magnus, WA7GFE. As you can see, a lot of preparation is evident in audio visual form and from reports, Rons verbal and traffic experience made it an interesting evening. Not a large group but as stated, we offer something for everyone. For you newcomers to hamdom, traffic handling is a way of life for many hams. It's one of the reasons for amateur radios existence and can be a very rewarding experience to take part in. Get in on a traffic net during the holidays and you will find out very quickly how rewarding it really is. Thanks to WA7GFE for a 'good show' and to others who help us learn new ways to use our radios.....





A CLUB CHALLENGE FOR 1985



ARRL Affiliated Clubs — We're challenging you to keep the ARRL the healthy and robust force for Amateur Radio that it is today. To continue to represent your amateur radio interests effectively, we need the support of a greater number of our fellow hams: A strong ARRL ensures a strong Amateur Radio Service.

Who's best able to reach out to prospective members in your community? Obviously, you and your fellow club members. Welcome aboard the brand new 1985 "Club Challenge for the '80s," your chance to compete for awards and prizes and add to your club's treasury while helping the ARRL grow.

Commission

Eligible clubs will receive a \$5.00 commission for each new ARRL member signed during 1985.

Awards

Eligible clubs will receive awards as they reach certain milestones during the year:

- 5 new ARRL members "ARRL Booster" certificate
- 10 new ARRL members ARRL pennant
- 25 new ARRL members ARRL flag
- 50 new ARRL members engraved "ARRL Club Challenge" gavel
- 75 new ARRL members ARRL "Diamond Club" certificate
- 100 new ARRL members ARRL "Century Club" plaque

Participating clubs will be recognized in QST. Additional awards will be announced throughout the year.

Competition

The 1900 ARRL Affiliated Clubs will be divided into three groups (for the purpose of this competition) based on club size:

- small clubs 25 or fewer members
- medium clubs 26 through 75 members
- large clubs more than 75 members

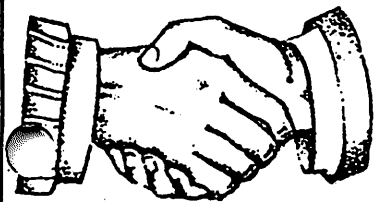
At the end of the year, in each category the club credited with the greatest number of new ARRL members who joined during 1985 will receive a valuable prize and have its name engraved on the "ARRL Challenge Cup." This trophy will be displayed in the ARRL Headquarters building and a plaque commemorating the achievement will be sent to each winning club. The results of the competition, including group photographs of each winning club, will be presented in the first available issue of QST once the determination is final.

Contest Period

Only new ARRL memberships properly submitted between February 1, 1985 and December 31, 1985 will count in the competition. Entries received at ARRL Headquarters after 4:00 PM on December 31, 1985 will not count towards a club's 1985 total.

Qualifying Memberships

Only new ARRL memberships qualify for the \$5.00 commission and credit in the competition; ARRL-membership renewals do not. Also, family, life and blind memberships do not qualify. Note that individuals whose last League membership expired prior to 1980 will count as new members. ARRL Headquarters' determination will be final.



NEW MEMBERS

We welcome six new members this month. Bob Andrews, WB7DWD and wife Kathryn, KA7UMB, joined us. Bob was a member back in 1980 and had to drop out. They are both into competitive shooting and fishing with Bob branching into photography and music while Kathy is enjoying needlework. Welcome also to Jim Whittlesey, N7GTM, who is an EE who enjoys sailing and piloting a glider. Bill Gelvin, WD6ASI, also is a new member. Bill is a data engineer and resides in NW Portland. NJ7L is the call of Gary Holzschuh who is a radio and TV broadcaster. Gary is into boating as a second hobby and lives in Beaverton. Last but not least is Tim McAchran, KD7 Dairy Queen. Tims wife, Susan, is KA4PFF but she has not joined us as yet. Tim is the owner of the Mt. Hood 145.27 repeater and is also the President of the Mt. Hood Repeater Assoc. Inc.. I bet he will be sneaking around trying to sell memberships! A BIG OTVARC WELCOME TO ALL NEW MEMBERS.....

UPGRADES: Only one reported this month is Dave Palmrose, N7FCA, who got his advanced. GREAT!!

FIELD DAY '85--YES, THERE IS LIFE AFTER SEASIDE

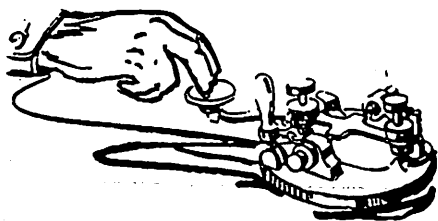
WE WERE NUMBER ONE! Last year we were number one in our class on field day. It was our first time on top, and quite an achievement. Some say it's hard to get the RF past the bears and trees way out west, but we showed them it can be done. As in any event of this magnitude, everyone is needed to make this event a success. At this time it's important to star your calendar--setup is June 21st and actual operation and then tear down June 22nd & 23rd. Next on the list is filling out the questionnaire (see below) for those items you could make available for Field Day. Plan on bringing your family to camp or visit an event based upon friendship and cooperation, global in magnitude... We will be using the same site as last year (near Vernonia). More info to follow in the next few months. If you have any questions, please contact Dee (KA7NPN) or Terry (KB7CHK) Thank You--TECHNICAL COMMITTEE

*****QUESTIONNAIRE*****

I have the following gear that I will provide for Field Day. (Please note make and model of tranceiver-filters and other features, etc.)

12vdc Transceiver	Wall tent	Pulleys/Ropes
Car Battery	Trailer	Yard Light
Charger (12v)	Long Coax	24 Hour Clock (Batt.)
Antenna Switch	Archer & Bow	Guy Cable
Generator	Line Cords (big)	Jumper Cables
Patch Coax (short)	PA System (loud)	Power Supply
Keyer	Tent Heater	Solar Cells (Oscar)
Antenna Tuner	Tower (30'+)	Flat Bed Truck
Gas Lantern	Guy Stakes	Moving Type Van
NAME-----	CALL-----	PHONE-----

I will be there to help for: SETUP-JUNE 21----- TEAR DOWN-JUNE 23-----



Dee Lynch KA7NPN 646-4580
3840 S.W. 102nd
Beaverton, Ore. 97005

OVERCOME "WHITE KNUCKLE" CW

LET'S MAKE IT HAPPEN: Ever since becoming a Ham Radio Operator several years ago, there has been talk of the barrier of first getting "on the air". It's one thing to be able to take a mike and converse as one does on a telephone, a process that has been instilled since childhood. (I don't mean to diminish this area as I have been "Roasted" on a mike as well.) For those inexperienced in code, the key seems very cold. Palms sweat and hands tremble to obtain perfect copy of a foreign language (CW) that seems as remote and difficult as the first time it was studied. By no means think you are unique. Everyone has experienced it. Any Macho Operator that says otherwise is suffering from a short sighted memory.

I am in the process of making a proposal to aid those who are trying to get "on the air" CW experience (some for the first time) and want to feel comfortable about it. In order to present a program that has a high chance of success, I would very much like to hear your comments.

One idea might be to have a calling frequency that, on specific days and times, two operators could operate and not exceed 5 WPM. Others could listen to gain that copy experience and learn various types of protocol. Whether you are interested in participating or have ideas to share--please contact me or jot down a note. Thank You.

ANOTHER GOOF: We are running low on wet noodles to whip 'ye ed' with. Not seen in the "New Member" section is Amy Freedman, KA7UFI, who runs things around the Freedman home. Amy is the wife of our treasurer, Jeff, K7JF. Congratulations on the new novice license and a very big welcome!

AND ANOTHER: Due to a lapse of, or lack of, mental thought processes, the Identity of the person giving us our February meeting program was not made known. Well, the place was crowded enough anyway but if you really want to know, it was Mark Walker, W7CLU. Mark has given us some great talks on various subjects and the radio control program was up to standards. A very big thanks to Mark for making the evening one to remember.....

AND ANOTHER: At the last club meeting I got up and told you that the new Shilo Inn in Seaside, which we had hoped to use for various convention functions, was booked by someone else and unavailable. Well, it ain't true! After my statement at the meeting, someone told me that they had gone on ahead and booked the place for us but in another name. That wasn't true either! After making a couple of phone calls it was determined that an organization called "Who Whos International" had booked the place but only to the extent of taking 50 rooms and half of the large downstairs area which we had intended to use for seminars. As it turns out, we have the other half of the 'basement' for the duration of the convention. Which is what we wanted anyway! Who cares about their rooms. They want an arm, a leg, your radio gear and half of your new car for a single.. Whew!!!!

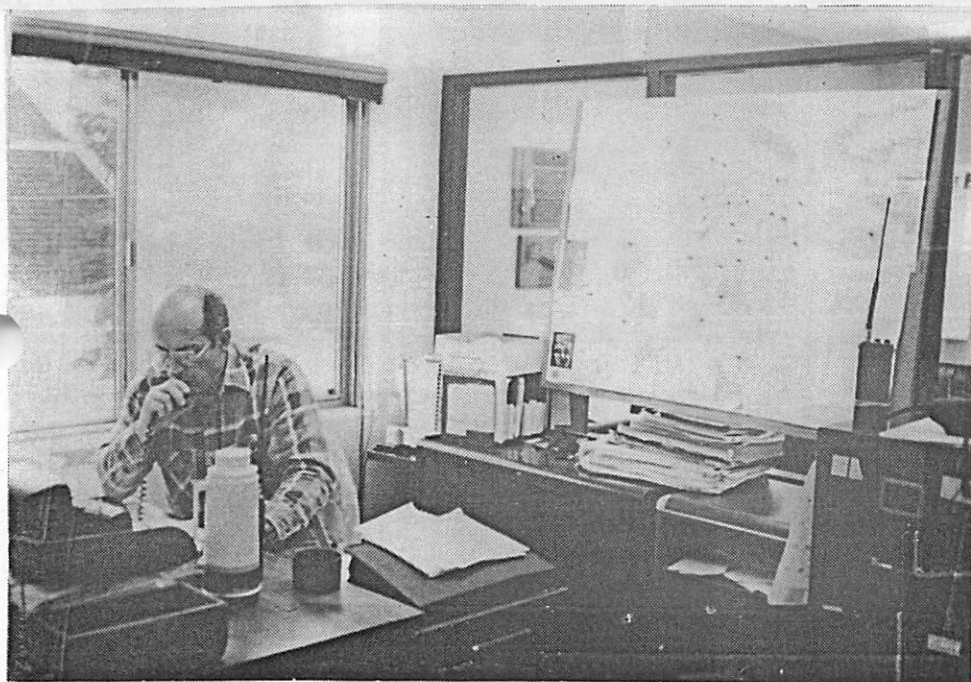
THE CLUB MOTEL: I must apologize for not having mentioned this earlier on. The motel has changed its name from the Landmark Inn to ECONO LODGE. I believe most of the single bed rooms are gone but there are some tricks you can play if you want to stay there. They have three rooms which are two bedroom units with a large living area. These go for only a few \$\$ more than a single when split with another couple. If you want to blow an extra \$40.00 for the weekend, they have two adjoining rooms with a door between and they are LARGE, have complete kitchens and sleep six people each. Really neat! Call now and reserve. Seaside WILL be CROWDED!

OTVARC JACKETS!!!

HERE IS THE SCOOP ON CLUB JACKETS: I have checked several sources of jackets for the club and have come up with the conclusion that we are best with our present source. The cost varied on the jackets, silkscreening, and name patches with the net total coming up slightly more or less than our present source for equal quality product.

The jacket types are: UNLINED WARMUP \$21.25, KASHA (FLANNEL LINED) \$25.50, and PILE LINED with quilted sleeve at \$31.90. The 1985 price increase was between \$1.20 and \$1.45 each. Those who ordered their jackets in december will get theirs at the old price. There is also an XXL size available for those of us that purchase from OMAR THE TENT MAKER (no additional cost. I guess quantity material discounts applied).

There is no minimum quantity now and orders will be sent in the day after each meeting. The jackets should be in by the following meeting!! Our supplier appreciates our business and is willing to help us speed up the order process. Thanks, W7LJN



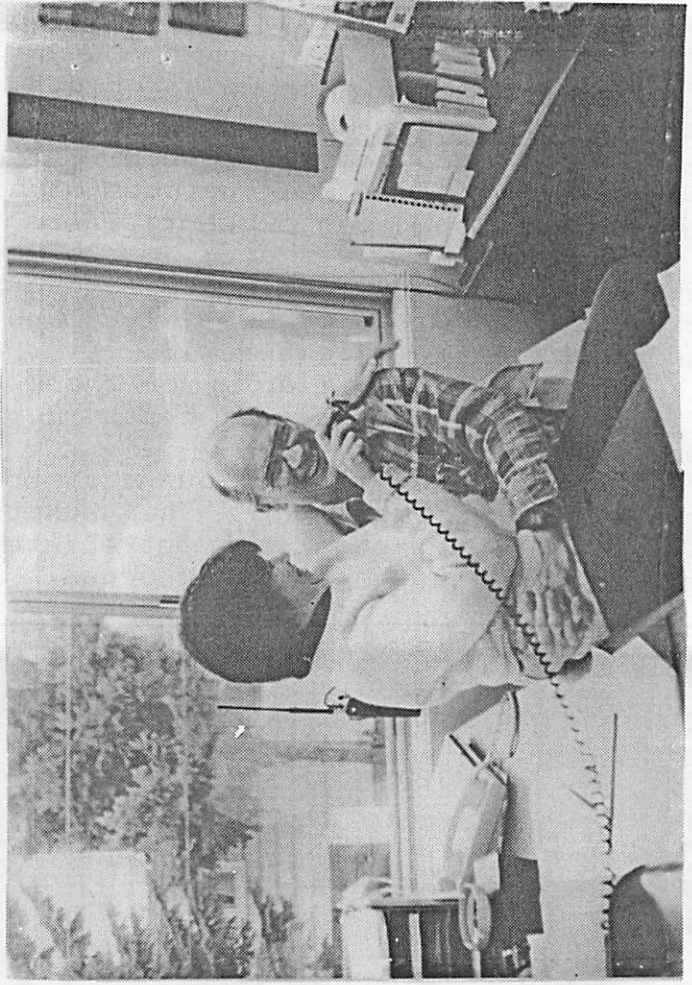
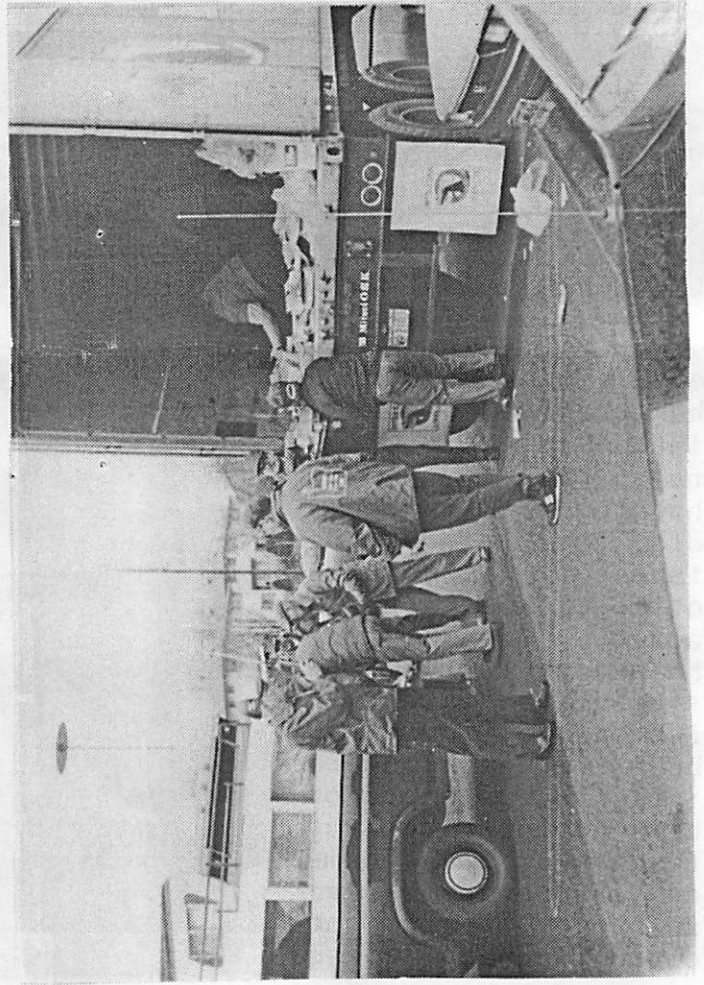
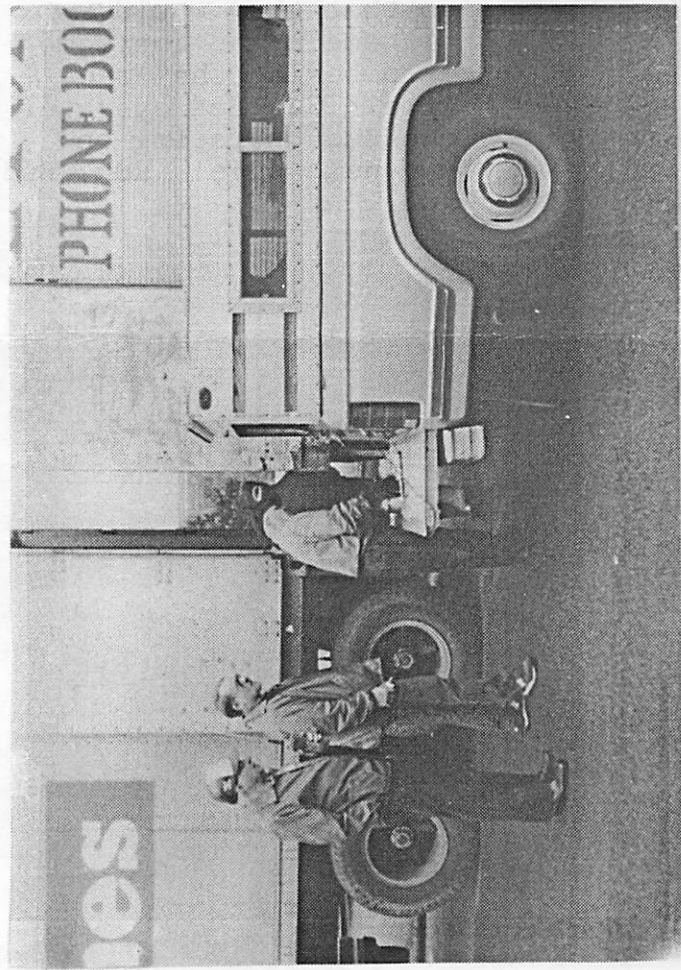
LIONS PHONEBOOK PICKUP

Got the details of this on another page but here are the pics.

Shown here is our very busy control operator, Bud, KC7PS. (pimple scab) Bud co-ordinated the various trucks involved so that they would not all end up at the same drop box at the same time. See Bud operate. See Bud operating on the next page! Run, Bud, run.

Here is what goes on at the other end of the line. Van, KE7BB, is one of the many people who stood out in the cold, carrying out the wishes of 'net control! Notice the designer jacket, by OTVARC, and the hat by ICOM. Van is using the latest in high fashion equipment. The 5/8 wave antenna is a classical example of the superior intellect of advanced class hams. See Van operate. See Van shiver. (I watched football-general class)





See! Bud IS operating. This is how all public service events should be handled. Jenny, KA7SSX, is helping. I bet Bud volunteers again.

GOT SOMETHING To Sell?

Let us
see you
and



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FREE!

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FV101C external VFO, MC50 desk
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carton. Excellent. \$475
Call Martin N7CYG 642-5857

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upgrade your gear
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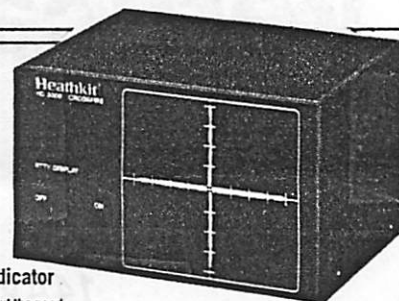
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Kit HD-3006, Shpg. wt. 3 lbs. 59.95

HD-3006 SPECIFICATIONS: Display: Two 8-LED bars. Each bar requires approximately 14 dB no-signal-
to-signal voltage ratio (5:1) for full use of the bars. Input Level: Threshold, 0.3 volts RMS on AC and 0.5
volts DC. Maximum, 15 volts RMS on AC and 15 volts DC. Power Supply: 8-16 volts AC/DC power cube
(included with kit). Dimensions: 3 1/2" H x 5" W x 4" D.



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ANTENNA SPECIALS

HF Multiband Verticals

TELEX *hy-gain*

18 AVT/WBS 25' (7.6 m)

14AVQ/WBS

for 40 through 10 meters

A self-supporting, automatic band switching vertical that delivers outstanding performance with exceptional L/C ratio and a very low angle radiation pattern. Includes all stainless steel hardware and SO-239 input connector.

ORDER NO. 385S

14AVQ/WBS List: \$98⁰⁰

SALE: \$79⁹⁵

18AVT/WBS

for 80 through 10 meters

Five band capability with automatic band switching is accomplished through the use of three improved Hy-Q traps featuring large diameter coils for a more favorable L/C ratio. 2:1 or lower SWR at band edges on 40-10 meters. Approximately 40 kHz band width below 2:1 VSWR on 80 meters. Includes all stainless steel hardware and SO-239 input connector.

ORDER NO. 386S

18AVT/WBS List: \$156⁰⁰

SALE: \$119⁹⁵

18VS

80 through 10 meters continuous. Also ideal for short wave listening.

This 18' (5.5 m.) radiator has a loading coil at base that allows precision antenna resonating. The 18VS may be installed on a short 1 1/8" (42 mm.) diameter mast driven into the ground.

ORDER NO. 193S

18VS List: \$45⁰⁰

SALE: \$39⁹⁵



BUTTERNUT
ELECTRONICS

MODEL HF6V

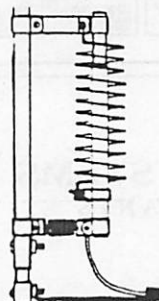
List: \$179⁹⁵

SALE: \$139⁹⁵

Bandwidth for VSWR
of 2:1 or less:

10 meters - 1500 kHz
15 meters - entire band
20 meters - entire band
30 meters - entire band
40 meters - 280 kHz
80/75 m. - 40 to 100 kHz

1.5:1 or less on all bands in typical ground level or above ground installations.



SALE: \$56⁵⁰

160 Meter Adapter
(Model TBR-160-S)

Attaches to the base of Butternut 5 and 6 band verticals for automatic bandswitching 160 through 10 meters with slight reduction in 80/75 meter bandwidth. 160 meter bandwidth for 2:1 SWR is 10-20 kHz, depending on ground losses. Rated at 500 watts CW/1200 watts PEP input to the final.

Shipping weight: 3 lbs./1.4 kg.

HF2V

List: \$176⁰⁰

SALE: \$133⁹⁵

DX the 80 & 40 Meter Bands.

Self supporting vertical antenna designed for optimum performance on the 80 and 40 meter bands. Features full automatic bandswitching using Butternut's exclusive Differential Reactance Tuning* system. Provides greater radiation at lower wave angles.

April Fool CW Contest!

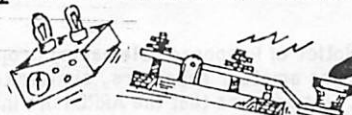
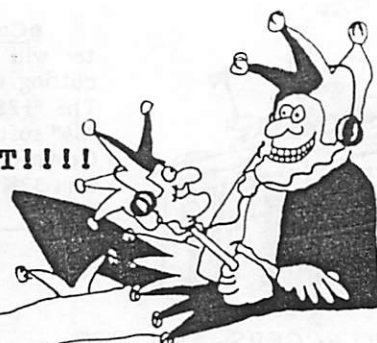
PLAN NOW to join in the OTVARC APRIL FOOL CONTEST!!!!

On April 9, 8:30 to 9:30 pm local time.

40 Meter Novice Band.

It'll be a **BLAST!!!**

Complete details in April OTVARC Newsletter...



STOLEN RADIO REPORT

ICOM 245 with SB. Serial #3812
ODL on case. Judy at 771-4667
Yaesu FT208R. Serial #2K210462
Bob at 656-4554

Kenwood 7950 & MC46 mic.
Serial #4050280. Call Portland
Radio at 228-8647

ICOM 2AT. Serial #44650. Ron
ld, KD7RJ.

Yaesu FT290R all mode 2m rig.
Serial #1H031820 + a Mirage B108
amp with remote control head.
Win Tatro at 246-9865.

Kenwood TS130 and AT130 tuner.
Inscribed with ND 0530200273.
Call Portland Radio at 228-8647.

Yaesu 227R 2m rig and Motorola
speaker. Name on inside and
outside of case. Call Andy,
WB7RKU, at 760-3873.

Kenwood TR7400 #640351-Z
If you have info please
call Brice Woodall at 239-
4072. No further information
is available on the gear.

ICOM 4AT with BP2 battery.
SN 15502003. Lost on Mt.
Hood ski lift. If found please
call Don Webber at 981-7310
eves or 255-8634 days.

*Kenwood TR2500. SN 4090053.
Call Gary Ward at 295-6422
days or 761-9540 evenings.

*Kenwood TR2400. SN 1070159.
Has call letters and ODL #
under belt clip. Call Larry
Welding, KJ7U, at 666-2334.

*Kenwood TM201A. SN 4040994.
Owner is Richard Ellis.
8 NE Minnehaha Street,
Vancouver, WA. 98665.
No phone! Call Port. Radio.

*Indicates new listing

Hey Editors: How about
adopting this in your
newsletter? Let's help
a fellow ham and catch
a thief.....

PUBLIC SERVICE REPORT

We are now well into 1985 and the Public Service calendar is filling up with requests for help from the General Public.

More of that in later issues. Important things first.

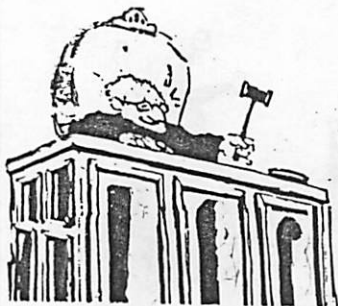
The Public Service Committee wishes to say a very huge THANK YOU to all the OTVARC members who came out in the cold in December to help the Lions collect Phone books for their eye bank. We did such a good job the first weekend they cut the second weekend short by one day. We were done by Saturday afternoon. The Lions met their goal on the first weekend. Needless to say they were very impressed by our work.

OTVARC can be proud of the response we had for help. 30 Plus members were involved with the 2 weekend Project. Thank you to those who worked and those willing to work but who were not needed. KA7AKU Jeff, N7FIU Jamie, KA7RJR Leon, WB7VGS Ralph, KE7BB Van, N7BUM Wray, N7GMS Mike, KA7KMA Gerard, KB7CC Bob, KA7GHR Carl, N7GFK Randy, KR7Z Dan, KQ7L Bernie, KA7SIK Ron, K7BT Ron, N7FQU Ron, KC7PS Bud, K27T Randy, KA7RFD Lorna, KA7KNG Sherrill, WB7RKW Gary, WB7PZ Kirke, KA7KDX Brian, N7DWU Tom, NA7V David, W7XI Doug, KA7KBH Gino, KA7MOW Steve, KA7PWN Ben, KA7DYO Bob, N7DUJ Roy, KA7HOJ Jack, WB6SHR Paul, K7WWG Wes, N7FCA David, KA5OLH Rick, K07B Alan, KA7RNN Roger, KA7SSX Jenny.

Our apologies if anyone was missed. The lists have gotten rained upon, dropped and so forth. It was a fantastic CLUB effort. A special THANK YOU to KC7PS and N7DUJ for doing the calling and encouraging the members to help. They did a terrific job. THANK YOU one and all. KA7KNG & KA7SSX

A BIGGA LITTLE PRIZA

All of those people who put in at least three hours of time on Convention Security will be given a free ride for a drawing good for a brand new Kenwood TH 21AT 2m ht. Value-\$199.00. It is possible for all of us, including people already working on a committee to take part in security. I count myself out, however. Now let's hope there are enough three to four hour slots left!! Better give Doc, KA7BSD, or Rich, KA5OLH, a call and get your free opportunity. ONE WORD OF CAUTION! Under no circumstances will a lazy, easy going attitude prevail. We have some heavy responsibility in protecting the property of our exhibitors and a perfect record to uphold. I learned that Yaesu told the Dallas group recently that they would not be attending this year because of a security screw up at last years convention. I learned, also, that a few months ago in California, during a hamfair, Junns Electronics got ripped off for several thousand dollars of HTs. Junns will be suing the convention sponsors!!! We need to be a very alert group. As the convention grows, so does the difficulty in security increase. Enough.....
GOOD LUCK ON THE DRAWING! A1 WB7SIC



●Commodore's new "128" Personal Computer will sell for about \$250. Watch for price cutting on the "64" in order to move them out! The "128" is compatible with and will run all "64" software. It will be available this Spring. Commodore also has a new \$500 "LCD" 80-column 32K lap computer that looks like a winner!

"Nothing in the world can take the place of persistence. Talent will not; nothing is more common than unsuccessful men with talent. Genius will not; unrewarded genius is almost a proverb. Education alone will not; the world is full of educated derelicts. Persistence and determination alone are omnipotent."

BOOTLEGGERS AND ETC.. CALIFORNIA STYLE.....

BAY AREA FCC KEPT BUSY DURING 1984!

The U.S. Coast Guard has long been plagued by false reports of accidents on waterways. An FCC campaign on the west coast has yielded at least one culprit.

Using his CB radio, David Perez-Mendez broadcast fake distress signals from his car parked in a Berkeley marina that kept the Bay Area rescue fleet busy for an entire morning! The Berkeley, California, man pleaded guilty to transmitting false marine distress signals.

Perez-Mendez faced a \$10,000 fine and a year in jail but was only assessed \$300 by Magistrate Frederick Woelflen and placed on probation for two years.

In other enforcement efforts, the San Francisco FCC region:

(1.) - Fined Francis P. Allen, Sr. (KB6DPX) of San Jose, CA, \$1000 for operating SSB outside the 10-meter ham band. He surrendered his Novice ticket.

(2.) - Unlicensed David Goto, using another amateur's call sign (WB6DLD) was fined \$750 for conducting "business" over the WA6QFR/R repeater in San Leandro.

(3.) - Another WA6 (otherwise not identified) licensed amateur was cited for participating in prohibited communications with David Goto.

(4.) - Gary W. Kerr (Ex-WA6JIY) has paid a reduced fine of \$300 without admitting guilt of past infractions and has agreed not to operate amateur radio for one year. He had been fined \$2000 for unlicensed operation. The Kerr case goes back several years to an intentional interference incident.

(5.) - Rick Dwayne Mendell (unlicensed) of Corte Madera, CA, was fined \$400 for operating under a WD6BJC (not his) call sign.

(6.) - Donald L. Rhoads of Cupertino, CA, with a long history of unlicensed behavior has been referred to the U.S. Attorney for criminal prosecution. He was fined \$750 in 1980 for willful interference (music, indecent language) to the .22/.82 "Grizzly Peak" WB6AAE repeater.

(7.) - An Extra-Class amateur residing at the same address as Rhoads was issued a citation for failure to maintain control of Rhoads unlicensed transmissions. The licensee denied responsibility saying that Rhoads was his landlord and had separate equipment. This same licensee (not identified by the FCC) was also involved in a similar "control operator" claim associated with the alleged unlicensed operation in 1983 in the Kerr case.

(8.) - James E. Rich (WD6CJB) of Millbrae, CA, has paid a \$500 fine for conducting "business" over his amateur station and not properly identifying his station.

A NATIONAL REPEATER COORDINATOR?

At this writing, it appears that the FCC will issue a Notice of Proposed Rulemaking proposing to appoint a national organization for coordinating amateur repeaters, similar to the way commercial repeater coordination is handled. (It appears that the ARRL isn't interested in the job.) Our first reaction is that the problem of repeater coordination seems much worse than it is. Of the thousands of amateur repeaters in operation, only a handful come to the attention of the FCC or the amateur press as "problems".

We think that it's unfortunate that hams don't appear to be able to manage the coordination process locally. But the FCC's response to the problem should teach us an important lesson.

Imagine that you're a member of the staff at the FCC. The commission's budget has been slashed, it's responsible for overseeing the mess resulting from the breakup of the phone company, and every possible special interest is looking for more or new spectrum for their special service. But the phone rings off the hook with hams calling from around the country - not to promote the value of the amateur service, or to help offload the commission of routine amateur related activities, but to complain about their fellow ham! That can't make a very favorable impression.

In the big scheme of things, amateur radio isn't really one of the commission's most crucial regulatory tasks. If it appears that hams can't solve their own problems, then the commission will find a way for them to be solved. But the solution probably won't be in the best interest of amateur radio.

The point? Try to solve problems without involving the FCC. Approach the league for assistance instead. Be consciously willing to compromise. Don't "tell" on your fellow ham to the FCC unless he's a threat to the service. Don't call the FCC to ask about rules unless you've spent a lot of time reading and studying them first yourself. Better yet, ask the league if in doubt. If you're thinking about approaching the FCC about a problem, put yourself in their shoes and think about how it reflects on amateur radio.

Article courtesy of Ed Ingbert of 'Advanced Computer Controls'



Amateur Radio License Exams
Technician, General, Advanced and Extra
Portland Community College
(Sylvania Campus)
Science Technology (Bldg ST), Lecture Room (#A-1)
12000 SW 49th; Portland, Oregon
May 4, 1985

HOW TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams
P.O. Box 5097
Aloha, Oregon 97006

5. DEADLINE - Registrations must be received by April 4, 1985.

FOR ADDITIONAL INFORMATION:
NORTHWEST AMATEUR RADIO COUNCIL

Ralph, WB7VGS 649-5845 or Rozy, KA7CED FCC Contact Liaison 255-0739

MEETING PROGRAM



We are always trying to get more of the members out to our meetings and one of the ways to do that is to make sure we have a good program on tap. Getting interesting programs is not really a difficult feat. There are many to be found. The trouble is that the subject matter might be great but the speaker isn't. Or the reverse may occur. Most of the time, when a visual presentation is given, everyone goes home with a good feeling about having been there to see and enjoy. WE HAVE JUST EXACTLY THAT FOR OUR MARCH MEETING!!!!!! The speaker for our March meeting will be John Sager of the U.S. Army Corps of Engineers. Mr. Sager is the 'Chief Geologist' and 'Project Engineer' for the MOLE. The MOLE is the machine you saw in a recent Oregonian issue. It and its crew of men are racing against time to siphon off the waters of Spirit Lake before the log jam, caused by the eruption, lets go and the Toutle river takes

out everything for miles around. Including Longview!! He will be showing slides of the area and of the "MOLE" in action. This is a pretty exclusive program for us, to put it mildly! Rated a 'must see'..... Enjoy.

CAMPING ANYONE!

Several people have asked for a committee for members who have RVs and would like to put together a camping activity program. David Funk, N7DWL, has taken on the task of chairing this committee so if anyone has any suggestions or wants to plan trips give Dave a call at 620-5215. How about an RV group at the convention??? Give a call.....

GOT ANY ?? For repeater co-ordination information in SW Washington and the state of Oregon: OREGON REGION RELAY COUNCIL. PO BOX 29101, PTLND. 97229.

ARRL OREGON SM REPORT

OREGON: SM, William R. Shrader, W7QMV — STM: W7VSE. SEC: N7CPA. PIO: KC7YN. SGL: KA7KSK. ACC: WB7WTD. RFI: AK7T. OO: N7SC. STC: N7ENI. Upgrades: WB7VZB. KA7GUP. KA7ODY (Tech). W7FCA. KA7RNN. KA7MDD (General). W7ISP (Adv). WA7GFE is newest FCC Auxiliary member. KA7BDB received DXCC (RTTY) and WAC (RTTY). Rogue Valley ARC held its first Amateur exams on Dec. 15th at White City. KO7S headed the operation, assisted by W7MLM W7VSE K7SGQ WA7TEG and KC7WO. OTVARC officers for 1985 are KA7KBH, President; KE7BB, Vice President; K7JF, Secretary; K27T, Treasurer. Northwest Shrine ARC officers for 1985 are W7YEM, President; KA7RJR, Vice President; KB7CC, Sec/Treasurer. The station at the Portland Shrine Hospital handled over 500 messages last year in addition to many phone patches for the kids in the hospital. Many amateur exams being given around the section. Support your club or organization sponsoring the exams. If you are advanced or extra class get qualified as a VE. The Northwest Amateur Radio Council consisting of members of Clackamas ARC, Hoodview ARC, PAARC, and OTVARC is doing a fine job in the Portland area setting up and administering exams. Contact WA7IIM for info. OSN totals are QNI 321, QTC 346. Traffic: W7VSE 1170, N7FLC 387, W7ZB 346, K7OVK 299, AL7W 284, WB7OEX 251, N7BGW 70, WA7VTD 53, KX7W 51, W7FDU 40, KA7AID 39, W7HLF 36, KX7T 20, W7LNE 13.

PROJECT NIGHT

I'd like to take this opportunity to thank those members that have suggested projects for future build sessions. We will be building some of them throughout the coming year. With all the interest in a computer interface, we are currently working on one for the next project. This is the one featured in the January issue of "73" titled "SHOESTRING RTTY" on page 43. I won't go into the technicalities here but if you do have questions, feel free to contact me or you can refer to the article. The cost will be under \$50.00. This will be, by far, the biggest project that we've tackled and with that in mind, I will need help from you in the form of information. This is in no way a commitment so if you think you are interested, please fill out the questionnaire. Thank you. Terry WB7CHK

TYPE OF RIG _____ TYPE OF COMPUTER _____

INTERESTED IN:

RTTY _____ CW _____ BOTH _____
AM _____ FM _____ BOTH _____

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Sheerill Smith	KA7KNG	654-9499
	Bud Butterfield	KC7PS	649-1523
*CLUB CONTESTS	Jeff Freedman	K7JF	297-7965
*TECHNICAL	Dee Lynch	KA7NPN	646-4580
*PROJECT NITE	Terry Biggs	WB7CHK	648-3687
*PUBLIC RELATIONS	Randy Stinson	K27T	297-1175
*CLUB RAFFLE	Jim Ziegler	KA7TAC	246-2539
*MEETING PROGRAMS	Hanford Van Ness	KE7BB	246-7975
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8713
*EMERGENCY SERVICE	Mike Farrell	N7GMS	246-5007
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
*COMING	Doug Bull	N7CDI	649-4540
*UB JACKETS	Dave Parker	W7LJN	639-7020
*CLUB BADGES	Jeff Freedman	K7JF	297-7965
*ROSTER CHANGES			
*ARRC INFORMATION	Warren Winner	W7JDT	644-0752
*CLUB SCRAPBOOK	Doc Miller	KA7BSD	
*ARRL MEMBERSHIP	Randy Stinson	K27T	297-1175
*CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
*NEWSLETTER			

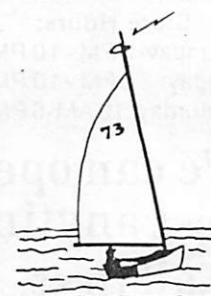
* (Indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-Ordinator	K27T	297-1175
ARES Washington County Co-Ordinator	N7GMS	246-5007
ARRL Assistant Director and Club Liaison	WB7SIC	640-5456

CLUB INFO NET

In order for the net to succeed, we need to hear people. People with a message or questions. It is informal and meant to be a toss it back and forth type of net and that has not been happening often enough. Let's hear from YOU. Tuesday night at 8 on 147.34/94. Let's make it ROAR!!



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ask: THIS

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asks:
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Send us your drawing in the work

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"HOW DO I QUALIFY?"
 Just send us your drawing of our charming pig friend (above), any size except like a trading. Or print the words "CUTE PIG" on a 3 X 5 card. Enclose with a check for \$500.00 (in case you qualify, we know you'll want to start immediately!) to:

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 OTVARC 112 67006

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...we know you'll want to
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